



1

5

10

15

Asn Thr Asn Asp Trp Ile Glu Gly Glu Thr Tyr Tyr  
20 25

&lt;210&gt; 4

&lt;211&gt; 25

&lt;212&gt; PRT

&lt;213&gt; DOG CH3/CH4 PEPTIDE SEQUENCE

&lt;400&gt; 4

Cys Arg Val Thr His Pro His Leu Pro Lys Asp Ile Val Arg Ser Ile  
1 5 10 15

Ala Lys Ala Pro Gly Lys Arg Ala Pro  
20 25

&lt;210&gt; 5

&lt;211&gt; 28

&lt;212&gt; PRT

&lt;213&gt; DOG CH3/CH4 PEPTIDE SEQUENCE

&lt;400&gt; 5

Leu Ser Pro Pro Ser Pro Leu Asp Leu Tyr Val His Lys Ala Pro Lys  
1 5 10 15

Ile Thr Cys Leu Val Val Asp Leu Ala Thr Met Glu  
20 25

&lt;210&gt; 6

&lt;211&gt; 34

&lt;212&gt; PRT

&lt;213&gt; DOG CH3/CH4 PEPTIDE SEQUENCE

&lt;400&gt; 6

Cys Gly Met Asn Leu Thr Trp Tyr Arg Glu Ser Lys Glu Pro Val Asn  
1 5 10 15

Pro Gly Pro Leu Asn Lys Lys Asp His Phe Asn Gly Thr Ile Thr Val  
20 25 30

Thr Ser

[illegible]

Cys Arg Val Thr His Pro His Leu Pro Lys  
20 25

<400> 8  
Cys Ala Asp Ser Asn Pro Arg Gly Val Ser Ala Tyr Leu Ser Arg Pro  
1 5 10 15

Ser Pro Phe Asp Leu Phe Ile Arg Lys Ser Pro Thr Ile Thr  
20 25 30

```
<210> 9
<211> 33
<212> PRT
<213> HUMAN CH3/CH4 PEPTIDE SEQUENCE
```

```
<400> 9
Cys Leu Val Val Asp Leu Ala Pro Ser Lys Gly Thr Val Asn Leu Thr
  1             5             10            15
```

Trp Ser Arg Ala Ser Gly Lys Pro Val Asn His Ser Thr Arg Lys Glu  
20 25 30

Glu

```
<210> 10
<211> 27
<212> PRT
<213> HUMAN CH3/CH4 PEPTIDE SEQUENCE
```

<400> 10

Lys Gln Arg Asn Gly Thr Leu Thr Val Thr Ser Thr Leu Pro Val Gly  
 1 5 10 15

Thr Arg Asp Trp Ile Glu Gly Glu Thr Tyr Gln  
 20 25

<210> 11  
 <211> 26  
 <212> PRT  
 <213> HUMAN CH3/CH4 PEPTIDE SEQUENCE

<400> 11  
 Cys Arg Val Thr His Pro His Leu Pro Arg Ala Leu Met Arg Ser Thr  
 1 5 10 15

Thr Lys Thr Ser Gly Pro Arg Ala Ala Pro  
 20 25

<210> 12  
 <211> 27  
 <212> PRT  
 <213> HUMAN CH3/CH4 PEPTIDE SEQUENCE

<400> 12  
 Ser Arg Pro Ser Pro Phe Asp Leu Phe Ile Arg Lys Ser Pro Thr Ile  
 1 5 10 15

Thr Cys Leu Val Val Asp Leu Ala Pro Ser Lys  
 20 25

<210> 13  
 <211> 34  
 <212> PRT  
 <213> HUMAN CH3/CH4 PEPTIDE SEQUENCE

<400> 13  
 Gly Thr Val Asn Leu Thr Trp Ser Arg Ala Ser Gly Lys Pro Val Asn  
 1 5 10 15

His Ser Thr Arg Lys Glu Glu Lys Gln Arg Asn Gly Thr Leu Thr Val  
 20 25 30

Thr Ser

00030700:00202000

[illegible]

```
<210> 15
<211> 84
<212> DNA
<213> DOG CH3/CH4 NUCLEOTIDE SEQUENCE
```

```
<210> 16
<211> 93
<212> DNA
<213> DOG CH3/CH4 NUCLEOTIDE SEQUENCE
```

```
<210> 17
<211> 87
<212> DNA
<213> DOG CH3/CH4 NUCLEOTIDE SEQUENCE
```

```
<210> 18
<211> 75
<212> DNA
<213> DOG CH3/CH4 NUCLEOTIDE SEQUENCE
```

[illegible]

<212> DNA  
<213> DOG CH3/CH4 NUCLEOTIDE SEQUENCE

<400> 23  
tgtctggtgg tggacctggc acccagcaag gggaccgtga acctgacctg gtcccgggccc 60  
agtgggaagc ctgtgaacca ctccaccaga aaggaggag 99

<210> 24  
<211> 81  
<212> DNA  
<213> DOG CH3/CH4 NUCLEOTIDE SEQUENCE

<400> 24  
aagcagcgca atggcacgtt aaccgtcacg tccaccctgc cggtagggcac ccgagactgg 60  
atcgaggggg agacctacca g 81

<210> 25  
<211> 78  
<212> DNA  
<213> DOG CH3/CH4 NUCLEOTIDE SEQUENCE

<400> 25  
tgcagggtga cccacccccca cctgcccagg gccctcatgc ggtccacgac caagaccagc 60  
ggcccgcgtg ctgccccg 78

<210> 26  
<211> 81  
<212> DNA  
<213> DOG CH3/CH4 NUCLEOTIDE SEQUENCE

<400> 26  
agccggccca gcccgttcga cctgttcacg cgcaagtcgc ccacgatcac ctgtctggtg 60  
gtggacctgg caccagcaa g 81

<210> 27  
<211> 102  
<212> DNA  
<213> DOG CH3/CH4 NUCLEOTIDE SEQUENCE

<400> 27  
gggaccgtga acctgacctg gtcccgggccc agtgggaagc ctgtgaacca ctccaccaga 60  
aaggaggaga agcagcgcaa tggcacgtta accgtcacgt cc 102

<211> 78

<213> DOG

accctgccgg tgggcacccg agactggatc gagggggaga cctaccagtg caggggtgacc 60

78

[illegible]